

Amendments to the claims:

Claims 1-10 (canceled)

Claim 11 (new): A fin assembly for a heat sink, comprising a plurality of metal plates stacked with each other, each of the metal plates comprising a body member and at least one connecting structure protruding perpendicularly from one side of the body member, wherein the connecting structure comprises a partitioning part, a connecting part, whose length controls the flexibility of the fine assembly, and a latching part, where both the connecting part and the latching part extending from the partitioning part, the latching part is aligned with the corresponding through hole of the metal plate placed in front where the body members is perforated with at least one through hole.

Claim 12 (new): The fin assembly of claim 11, wherein the length of the connecting part of all engaging metal plates and the thickness of the adjacent front body member are the same.

Claim 13 (new): The fin assembly of claim 11, wherein the length of the connecting part of all engaging metal plates is longer than the thickness of the adjacent front body member.

Claim 14 (new): The fin assembly of claim 11, wherein the connecting part of metal plates having various lengths are used in the fin assembly so that the bottom of the fin assembly is flexible and can be adapted to fit the non-flat surface of a heat generating device.

Claim 15 (new): The fin assembly of Claim 11, wherein the latching part inserted through the corresponding through hole of the metal plate placed in front is bent as a hook.

Claim 16 (new): The fin assembly of Claim 11, wherein each body member includes a top folded edge and a bottom folded edge along an elongate direction thereof.

Claim 17 (new): The fin assembly of Claim 16, wherein the top and bottom folded edges are perpendicular to the body member.

Claim 18 (new): The fin assembly of Claim 11, wherein each metal plate includes four connecting structures located at four diagonal corners of the body member thereof.